

FEB 17 1982

EC16 = JMS 1633 Type 2

JUN 18 1980

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME 3M COMPANY		EMERGENCY TELEPHONE NO. (612) 733-2328
ADDRESS (Number, Street, City, State, and ZIP Code) 3M CENTER, ST. PAUL, MINNESOTA 55101		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS SCOTCHWELD Brand Primer EC-1660	
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Methyl isobutyl ketone				55	100 ppm
Cyclohexanone				< 25	50
Toluol				< 5	100

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Toluene	230	SPECIFIC GRAVITY (H ₂ O=1)	0.88
VAPOR PRESSURE (mm Hg.)			PERCENT VOLATILE BY VOLUME (%)	Weight about 90
VAPOR DENSITY (AIR=1)		>1	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	about	80%		
APPEARANCE AND ODOR	Low viscosity green liquid; strong solvent odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Toluene 45°F	FLAMMABLE LIMITS	LeI	UeI
			1.0	8.0
EXTINGUISHING MEDIA	CO ₂ , foam, dry chemicals			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

DOT PROPER NAME: Paint, Liquid
DOT Hazard Classification: Flammable Liquid

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Liquid irritating to eyes and skin. May defat skin. Concentrated vapors irritating to eyes and upper respiratory system.

EMERGENCY AND FIRST AID PROCEDURES

EYE contact: Immediately flush eyes with plenty of water. Call a physician. SKIN contact: Wash with soap and water.

INHALATION: Provide fresh air.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition may produce oxides of C, H, and N

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN, IN CASE, MATERIAL IS RELEASED OR SPILLED

Extinguish ignition sources. Collect spilled material. Clean up residue.

WASTE DISPOSAL METHOD

Contains heavy metals. Incinerate properly in accordance with local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

Recommended

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

Recommended

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from all sources of ignition. Avoid eye contact. Avoid prolonged breathing of vapors and prolonged or repeated skin contact.

OTHER PRECAUTIONS

Use only in adequately ventilated areas to keep vapor levels below threshold limit of solvents.